

The U.S. ENC Program at Coast Survey

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ABSTRACT:

The Office of Coast Survey (OCS), National Ocean Service (NOS) of the United States National Oceanic and Atmospheric Administration (NOAA) is creating a database of digital vector chart data for the production of Electronic Navigational Charts (ENC). These ENCs will be in the International Hydrographic Organization (IHO) format as defined in Edition 3.0 of Publication S-57: IHO Transfer Standard for Digital Hydrographic Data. To provide ENC data to mariners and other users in a timely manner, NOS will produce ENCs for the 40 major commercial ports in the US. These ENCs will then be posted on the Internet for download and for private sector companies to use in custom products and services. ENC Data will be compiled from original source materials where appropriate to provide the most accurate data available. The ENC database will be kept in continual maintenance (i.e., up to date on a weekly basis), allowing ENC users to obtain vector data sets that contain the most up to date and accurate information. This presentation will describe the ENC program in more detail, as well as review the project's status to date.